

Project Title	Funding	Strategic Plan Objective	Institution
The mirror neuron system in children with autism	\$118,156	Q4.1	University of Washington
Innovative technology for mapping social engagement in children with autism: Adaptive physiological profiling in real time	\$60,000	Q4.1	Vanderbilt University
Evaluating behavioral and neural effects of social skills intervention for school-age children with autism spectrum disorders	\$60,000	Q4.1	Mount Sinai School of Medicine
Using functional physiology to uncover the fundamental principles of visual cortex	\$320,000	Q4.1	Brown University
Language functioning in optimal outcome children with a history of autism	\$489,612	Q4.1	University of Connecticut
Autistic enterocolitis/Crohns	\$45,000	Q4.2	University of Turin
Treatment of sleep problems in children with autism spectrum disorder with melatonin: A double-blind, placebo-controlled study	\$150,000	Q4.2	Baylor College of Medicine
Melatonin for sleep in children with autism: Safety, tolerability, and dosing	\$387,141	Q4.2	Vanderbilt University
Autism Intervention Research network on Physical health (AIR-P network)	\$3,999,342	Q4.2	Massachusetts General Hospital
Clinical trial: Modulation of prefrontal activity to improve language skills in autism spectrum disorder	\$1,688	Q4.2	Beth Israel Deaconess Medical Center
Early intervention for children screened positive for autism by the first year inventory	\$200,000	Q4.3	University of North Carolina at Chapel Hill
A multi-site randomized study of intensive treatment for toddlers with autism	\$2,971,125	Q4.3	University of California, Davis
Intervention for infants at risk for autism	\$150,000	Q4.3	University of California, Davis
Promoting early social-communicative competency in toddlers with autism	\$323,000	Q4.3	University of Northern Colorado
Leap - USA (Using Science-based Approaches)	\$470,455	Q4.3	University of Colorado Denver
1/2-Effects of parent-implemented intervention for toddlers with autism spectrum	\$463,105	Q4.3	Florida State University
Effects of parent-implemented intervention for toddlers with autism spectrum	\$300,000	Q4.3	Florida State University
Intervention for infants at risk for autism	\$150,000	Q4.3	University of Washington
Optimizing social and communication outcomes for toddlers with autism	\$290,094	Q4.3	University of California, Los Angeles
Promoting communication skills in toddlers at risk for autism	\$300,000	Q4.3	University of California, Los Angeles
Developmental and augmented intervention for facilitating expressive language	\$600,000	Q4.3	University of California, Los Angeles
2/2-Effects of parent-implemented intervention for toddlers with autism spectrum	\$776,570	Q4.3	University of Michigan
Efficacy and sustainability of the STAR program	\$796,438	Q4.3	University of Pennsylvania

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A sibling mediated imitation intervention for young children with autism	\$28,000	Q4.3	Michigan State University
Enhancing inter-subjectivity in infants at high-risk for autism	\$213,000	Q4.3	IWK Health Centre/Dalhousie University
Evaluating intensive early behavioral intervention in autism	\$40,000	Q4.3	Temple University
Enhancing social functioning among adolescents with Asperger's syndrome and high functioning autism	\$60,000	Q4.4	Penn State Milton S. Hershey Medical Center
Peer-mediated intervention for elementary school students with ASD	\$60,000	Q4.4	University of Colorado Denver
A multi-site clinical randomized trial of the Hanen More Than Words intervention	\$400,000	Q4.4	University of Massachusetts Boston
Early pharmacotherapy guided by biomarkers in autism	\$1,199,999	Q4.4	Wayne State University
Effectiveness of sensory based strategies for improving adaptive behaviors in children with autism	\$150,000	Q4.4	Thomas Jefferson University
Translation of evidenced based treatment to classrooms	\$30,000	Q4.4	University of California, San Diego
Feeding problems in children with ASD: Impact of parent education in modifying aberrant eating habits	\$30,000	Q4.4	Marcus Institute
Efficacy of community-based instruction and supported employment on the competitive employment outcomes on transition-age youth with autism	\$60,000	Q4.4	Virginia Commonwealth University
Building tacting and joint attention skills with the use of ACS	\$30,000	Q4.4	Rutgers University
Integrated play groups: Promoting social communication and symbolic play with peers across settings in children with autism	\$150,000	Q4.4	San Francisco State University
Transporting evidence-based practices from the academy to the community: School-based CBT for children with ASD	\$60,000	Q4.4	University of California, Los Angeles
Risk and protective factors in the development of associated symptoms in autism	\$171,867	Q4.4	University of Washington
Joint attention intervention for caregivers and their children with autism	\$51,000	Q4.4	University of California, Los Angeles
Joint attention intervention for nonverbal children with ASD	\$60,000	Q4.4	University of California, Los Angeles
A randomized trial of the STAR program for children with autism spectrum disorder	\$705,566	Q4.4	University of Pennsylvania
Novel pharmacological strategies in autism	\$1,585	Q4.4	Indiana University-Purdue University Indianapolis
Robotics and speech processing technology for the facilitation of social communication training in children with autism	\$100,000	Q4.4	University of Southern California

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Measuring the effects of training parents to provide intervention via the Arizona telemedicine program	\$60,000	Q4.4	Southwest Autism Research & Resource Center
A randomized controlled trial of two treatments for verbal communication	\$150,000	Q4.4	Yale Child Study Center
Cognitive-behavioral group treatment for anxiety symptoms in adolescents with high-functioning autism spectrum disorders	\$100,000	Q4.4	University of Colorado Denver
Development of an executive function-based intervention for ASD	\$60,000	Q4.4	Children's National Medical Center
Increasing social engagement in young children with ASD using video self-modeling and peer training	\$30,000	Q4.4	Indiana Resource Center for Autism
An examination of the effectiveness of manipulative letter instruction on decoding skills of young children with autism	\$30,000	Q4.4	Virginia Commonwealth University
A clinical randomized control trial of joint attention intervention in young children with ASD	\$30,000	Q4.4	University of Miami
Evaluating the effectiveness of the social cognition training tool (SCOTT) in ASD on behavioral, oculomotor, and neuronal levels	\$60,000	Q4.4	Max Planck Institute for Human Development
Early pharmacologic intervention in autism: Fluoxetine in preschool children	\$1,712	Q4.4	Mount Sinai School of Medicine
Examination of prerequisite skills for learning using video modeling	\$30,000	Q4.4	New England Center for Children
Social cognition and interaction training for adolescents with high functioning autism	\$60,000	Q4.4	University of North Carolina at Chapel Hill
Enhancing social communication for children with HFA	\$46,000	Q4.4	University of Haifa
A play and joint attention intervention for preschool teachers and young children with autism	\$60,000	Q4.4	Cleveland State University
Steroid receptors and brain sex differences	\$301,359	Q4.5	University of Wisconsin - Madison
Regulation of MET expression in autism disorder and forebrain ontogeny	\$25,583	Q4.5	Vanderbilt University
Distinct function of the neuroligin 3 postsynaptic adhesion complex	\$45,972	Q4.5	Columbia University
The role of Shank3 in autism spectrum disorders	\$360,000	Q4.5	Mount Sinai School of Medicine
Molecular determinants of L-type calcium channel gating	\$402,500	Q4.5	Columbia University
Animal models of neuropsychiatric disorders	\$1,537,274	Q4.5	National Institutes of Health
Investigation of the role of MET kinase in autism	\$488,411	Q4.5	Johns Hopkins University School of Medicine
Role of UBE3A in neocortical plasticity and function	\$367,500	Q4.5	Duke University
Analysis of FGF17 roles and regulation in mammalian forebrain development	\$51,886	Q4.5	University of California, San Francisco

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Perturbed activity dependent plasticity mechanisms in autism	\$296,372	Q4.5	Harvard Medical School
Models and mechanisms - 2	\$90,000	Q4.5	Boston Children's Hospital
Connectopathic analysis of autism	\$234,451	Q4.5	Harvard University
Mice lacking Shank postsynaptic scaffolds as an animal model of autism	\$250,806	Q4.5	Massachusetts Institute of Technology
Using zebrafish and chemical screening to define function of autism genes	\$390,993	Q4.5	Whitehead Institute for Biomedical Research
Function and dysfunction of neuroligins	\$498,665	Q4.5	Stanford University
Aberrant synaptic function due to TSC mutation in autism	\$150,000	Q4.5	Columbia University Medical Center
Neural and cognitive mechanisms of autism	\$1,500,000	Q4.5	Massachusetts Institute of Technology
Models and mechanisms - 1	\$127,050	Q4.5	Massachusetts Institute of Technology
Cognitive mechanisms of serially organized behavior	\$307,187	Q4.5	Columbia University
Regulation of synaptogenesis by cyclin dependent kinase 5	\$327,398	Q4.5	Massachusetts Institute of Technology
Probing a monogenic form of autism from molecules to behavior	\$187,500	Q4.5	Stanford University
Regulation of gene expression in the brain	\$1,548,920	Q4.5	National Institutes of Health
Synaptic and circuitry mechanisms of repetitive behaviors in autism	\$400,000	Q4.5	Duke University Medical Center
Generation of genetic models of autism in mice	\$60,000	Q4.5	New York University School of Medicine
Genomic imbalances at the 22q11 locus and predisposition to autism	\$400,000	Q4.5	Columbia University
Exploring the role of synaptic proteins in mouse models of autism	\$165,572	Q4.5	The Rockefeller University
Cellular and molecular alterations in gabaergic inhibitory circuits by mutations in MECP2, a gene implicated in the Rett syndrome of the autism spectrum disorders	\$441,032	Q4.5	Cold Spring Harbor Laboratory
Neocortical regionalization: Analysis of genetic and epigenetic influences	\$75,000	Q4.5	University of California, Riverside
Neurexin-neuroligin trans-synaptic interaction in learning and memory	\$200,000	Q4.5	Columbia University
Testing the effects of cortical disconnection in non-human primates	\$150,000	Q4.5	Salk Institute for Biological Studies
Neurodevelopmental mechanisms of social behavior	\$546,302	Q4.5	Vanderbilt University
The functional neuroanatomy of memory systems in the human brain	\$1,653,734	Q4.5	National Institutes of Health
A mouse knock-in model for Engrailed 2 autism susceptibility	\$152,764	Q4.5	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School

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Novel models to define the genetic basis of autism	\$800,694	Q4.5	Cold Spring Harbor Laboratory
Role of L-type calcium channels in hippocampal neuronal network activity	\$34,686	Q4.5	Stanford University
Dysregulation of p13/AKT in mouse models for social interaction deficits and for ASD with macrocephaly	\$204,926	Q4.5	University of Texas Southwestern Medical Center
A non-human primate autism model based on maternal infection	\$446,873	Q4.5	California Institute of Technology
Role of Wnt signaling through Dishevelled, Dact and p120catenin in forebrain development, synaptic physiology, and mouse behavior: Exploration of a pathway with many components linked to autism spectrum disorders	\$210,122	Q4.5	University of California, San Francisco
A better understanding of the therapeutic actions of specific neuroleptics in autism	\$165,572	Q4.5	The Rockefeller University
Analysis of 15q11-13 GABA-A receptor defects in autism	\$30,772	Q4.5	University of California, Davis
Oxidative stress: Rat study	\$40,000	Q4.5	Brigham and Women's Hospital
Genetic analyses of ARX homeobox gene function in neurodevelopmental disorders	\$211,950	Q4.5	Brandeis University
Safety and efficacy of complementary and alternative medicine for autism spectrum disorders	\$100,000	Q4.6	University of California, San Francisco
Probiotics and vitamin D in ASD	\$20,000	Q4.6	Oregon Health & Science University
Acupressure and acupuncture as an intervention with children with autism	\$90,000	Q4.6	Kennedy Krieger Institute
Double blind placebo controlled trial of hyperbaric oxygen	\$60,021	Q4.6	Center for Autism and Related Disorders
Double blind placebo controlled evaluation of fluconazole	\$15,134	Q4.6	Center for Autism and Related Disorders
Parents and professionals attitudes to dietary interventions in ASD (PADIA)	\$109,658	Q4.6	Newcastle University
Omega 3 fatty acids in the treatment of children with autism spectrum disorders	\$221,956	Q4.6	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Raising glutathione levels in children with autism	\$24,516	Q4.6	University of Texas
Treatment of autism spectrum disorders with a glutamate antagonist	\$465,840	Q4.7	National Institutes of Health
Comparison of high to low intensity behavioral intervention	\$121,029	Q4.7	Center for Autism and Related Disorders
Self-management of daily living skills: Development of cognitively accessible software for individuals with autism	\$50,000	Q4.7	Eugene Research Institute
Clinical Trials Network (CTN)	\$200,000	Q4.7	Autism Speaks
Autism Treatment Network (ATN)	\$3,400,000	Q4.7	Autism Speaks

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Neuronal nicotonic receptor modulation in the treatment of autism: A pilot trial of mecamlamine	\$58,000	Q4.8	The Ohio State University
A randomized, double blind, placebo controlled study of fatty acid supplementation in autism	\$140,000	Q4.8	Medical University of South Carolina
Oxytocin vs placebo on response inhibition & face processing in autism	\$3,995	Q4.8	Mount Sinai School of Medicine
Intransal oxytocin in the treatment of autism	\$13,127	Q4.8	Mount Sinai School of Medicine
Double masked placebo controlled trial of cholesterol in hypocholesterolemic ASD	\$300,000	Q4.8	Kennedy Krieger Institute
Double-blind placebo controlled trial of subcutaneous methyl B12 on behavioral and metabolic measures in children with autism	\$150,000	Q4.8	University of California, Davis
Understanding repetitive behavior in autism	\$327,738	Q4.8	University of California, Los Angeles
Risperidone and behavior therapy in children and adolescents with pervasive disorder	\$3,446	Q4.8	Indiana University-Purdue University Indianapolis
Aripiprazole in children and adolescents with autistic disorder	\$1,338	Q4.8	Indiana University-Purdue University Indianapolis
The pharmacogenetics of treatment for insistence sameness in autism	\$377,097	Q4.8	University of Illinois at Chicago
D-cycloserine in children and adolescents with autism	\$4,493	Q4.8	Indiana University-Purdue University Indianapolis
Divalproex sodium ER in adult autism	\$1,142	Q4.8	Mount Sinai School of Medicine
Preventing autism via very early detection and intervention	\$14,256	Q4.9	Center for Autism and Related Disorders
ACT online: Stress reduction for parents who have children with DD	\$233,890	Q4.Other	Iris Media, Inc.
Guiding visual attention to enhance discrimination learning	\$142,587	Q4.Other	University of Massachusetts Medical School
Development of MGLUR5 antagonists to treat fragile X syndrome and autism	\$1,068,100	Q4.Other	Seaside Therapeutics, LLC
Functional neuroimaging of psychopharmacologic intervention for autism	\$154,492	Q4.Other	University of North Carolina at Chapel Hill
Optimizing discrete-trial procedures for ASD children	\$177,625	Q4.Other	University of Massachusetts Medical School
2/3-Atomoxetine placebo and parent training in autism	\$343,820	Q4.Other	The Ohio State University
Clinical phenotype: Treatment response core	\$199,980	Q4.Other	University of California, San Diego
3/3-Atomoxetine placebo and parent training in autism	\$271,708	Q4.Other	University of Rochester
Transcranial magnetic stimulation (RTMS) for evaluation and treatment of repetitive behavior in subjects with autism spectrum disorders	\$60,000	Q4.Other	Columbia University
Translating pivotal response training into classroom environments	\$473,411	Q4.Other	Rady Children's Hospital Health Center

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Pharmacotherapy of pervasive developmental disorders	\$184,202	Q4.Other	Indiana University-Purdue University at Indianapolis
Treatment of medical conditions among individuals with autism spectrum disorders	\$465,840	Q4.Other	National Institutes of Health
Identifying factors that predict response to intervention	\$21,965	Q4.Other	Center for Autism and Related Disorders
Establishing liquid medication administration compliance	\$27,985	Q4.Other	Center for Autism and Related Disorders
Teaching theory of mind skills to children with ASD	\$24,025	Q4.Other	Center for Autism and Related Disorders
Teaching children to identify causes of others' emotions	\$20,687	Q4.Other	Center for Autism and Related Disorders
Teaching children to comprehend rules containing "if/then"	\$38,994	Q4.Other	Center for Autism and Related Disorders
Parent mediated behavioral treatment of food selectivity	\$30,966	Q4.Other	Center for Autism and Related Disorders
Development of an intervention to enhance the social competencies of children with Asperger's/high functioning autism spectrum disorders	\$335,984	Q4.Other	University at Buffalo, The State University of New York
Social communication and symbolic play intervention for preschoolers with autism	\$310,790	Q4.Other	University of North Carolina at Chapel Hill
A cognitive-behavioral intervention for children with autism spectrum disorders	\$132,249	Q4.Other	Virginia Polytechnic Institute and State University
Stimulus structure enhancement of visual symbol detection in AAC	\$147,762	Q4.Other	University of Massachusetts Medical School
Theory of mind software for autism and other communication disorders	\$798,241	Q4.Other	Laureate Learning Systems, Inc.
Functional analysis and treatment of symptoms of autism	\$250,055	Q4.Other	University of Nebraska Medical Center
Using CBPR to design & pilot a physical activity program for youth with ASD	\$192,386	Q4.Other	University of Massachusetts Medical School
Educating parents: Behavioral intervention in autism	\$490,843	Q4.Other	Praxis, Inc.
Age and treatment intensity in behavioral intervention	\$34,879	Q4.Other	Center for Autism and Related Disorders
Chart review of 38 cases of recovery from autism	\$35,117	Q4.Other	Center for Autism and Related Disorders
Long-term follow-up of children with autism who recovered	\$33,965	Q4.Other	Center for Autism and Related Disorders
1/3-Atomoxetine placebo and parent training in autism	\$272,252	Q4.Other	University of Pittsburgh
Technology support for interactive and collaborative visual schedules	\$42,000	Q4.Other	University of California, Irvine
Pharmacogenomics in autism treatment	\$171,000	Q4.Other	University of California, Davis
Autism Intervention Research network on Behavioral health (AIR-B network)	\$2,000,000	Q4.Other	University of California, Los Angeles
Assessing preference for reinforcers in children with autism	\$29,684	Q4.Other	Center for Autism and Related Disorders
Evaluating a 3D VLE for developing social competence	\$100,000	Q4.Other	University of Missouri

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Pediatric pharmacology research unit	\$358,400	Q4.Other	Wayne State University
Long-term olanzapine treatment in children with autism	\$433,658	Q4.Other	Drexel University
Novel pharmacological strategies in autism	\$305,254	Q4.Other	Indiana University-Purdue University Indianapolis
Portable guidance in autism spectrum disorder	\$503,554	Q4.Other	Symtrent, Inc.
Teaching children to identify others' preferences	\$22,058	Q4.Other	Center for Autism and Related Disorders
Autism spectrum disorders	\$380,523	Q4.Other	Three C Institute For Social Development
Comparison of two comprehensive treatment models for preschool-aged children with autism spectrum disorders and their families	\$756,312	Q4.Other	University of North Carolina at Chapel Hill
Telemedicine approach to teaching pill-swallowing skills	\$14,168	Q4.Other	Center for Autism and Related Disorders
Effects of follow-through during DTT on verbalizations	\$11,231	Q4.Other	Center for Autism and Related Disorders
Remote parent training project	\$70,000	Q4.Other	Southwest Autism Research & Resource Center
Desensitization techniques for difficult behaviors	\$25,000	Q4.Other	Southwest Autism Research & Resource Center
ADHD symptoms in autism: Cognition, behavior, treatment	\$273,390	Q4.Other	University of Texas Health Science Center at Houston
Targeted pharmacologic interventions for autism	\$341,475	Q4.Other	Indiana University-Purdue University Indianapolis
Altering motivational variables to treat stereotyped behavior	\$100,000	Q4.Other	St. Cloud State University
Improved quality of life for people with autism and their families by integrating biomedical and behavioral approaches	\$100,000	Q4.Other	State University of New York
Fathers as in-home trainers of autistic children	\$236,843	Q4.Other	University of Florida
Comprehensive web-based digital interactive scene program for language in autism	\$183,220	Q4.Other	Monarch Teaching Technology, Inc.
Communication success and AAC: A model of symbol acquisition	\$347,678	Q4.Other	University of Kansas
Related services intervention for expressive and receptive language skills in autism spectrum disorder and in cognitive impairment	\$295,657	Q4.Other	Vanderbilt University

